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AGRICULTURAL LIBRARIES INFORMATION NOTES

AGRICULTURAL RESEARCH INFORMATION SUPPORT AT KENTUCKY STATE UNIVERSITY

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Kentucky State University is an 1890 land-grant institution with a student enrollment near 1,750 in recent years. The library receives liberal financial support and has exceeded in the past five years the 5% minimum of the total University's Educational and General Budget recommended by the American Library Association. In 1971-72, the library budget was 6.6% of the total E&G budget or \$196 per FTE (Full Time Equivalent) student and \$2,364 FTE faculty member. The 1974-75 budget is \$239,110 exclusive of Title II Funds. This favorable funding has allowed us to acquire considerable material to support agricultural research projects in recent years.

Prior to the funding of research projects by the Cooperative State Research Service (CSRS) USDA, at the sixteen campuses of the 1890 land-grant institutions and Tuskegee Institute, there was very little research carried on at these institutions. Their libraries were primarily developed to support teaching programs. Therefore, we found our libraries unable to provide adequate support for the campus agricultural research projects which were accelerated in the late 1960's.

This problem of information support services was discussed at a meeting of library directors of 1890 institutions in the summer of 1973. The library directors returned to their campuses and began seeking funds to employ a librarian to serve as research associate to the agricultural researchers. The librarian's responsi-

bility is to aid researchers in locating supportive information for the several agricultural research projects.

We obtained the cooperation of the agricultural research coordinator on our campus, and employed a librarian to work half-time for agricultural research and half-time for the library beginning July 1974. The librarian's title is research associate librarian. Two-thirds of the salary is paid from CSRS research grant funds, the other one-third from library salary funds. The major duties of this person are:

1. Retrieve information to assist the research coordinator to solve management problems.
2. Retrieve and distribute information relative to the CSRS research programs at Kentucky State University to research faculty, school personnel, community residents, and interested organizations
3. Coordinate collection of informational data regarding community needs for research direction
4. Obtain information relative to research activities within the USDA, the other 1890 institutions, the Kentucky Experimental Stations, and the 1862 land-grant institutions.
5. Assist the research coordinator with the evaluation and development of research proposals and long-range planning for future research, and
6. To assist the University library staff with reference services.

Due to the nature of the CSRS research projects, currently 22, we made appointments with inter-library loan personnel at the University of Kentucky Libraries,

including the Chandler Medical School Library which is tied in with MEDLARS. This latter contract was very rewarding because of the availability of information from the Chandler Medical School Library holdings, ERIC Documents, MEDLARS, and other data bases.

A procedures manual for acquiring data was prepared. It contains examples of interlibrary loan forms and procedures, reporting forms, information on the preparation of CRIS (Current Research Information Service of the Agricultural Research Service, USDA) requests, filing reports, etc.

A Current Awareness Service was developed to aid the researchers and the general faculty. The instructor or researcher informs the research associate of five journals in which he is interested or which is related to his research or teaching specialty. The tables of contents of the five journals are photocopied upon receipt of the journal and sent to the researcher. The patron checks any articles needed, returns the contents page, and those articles are photocopied and sent to the patron. Records are kept of all transactions.

The research associate librarian also searches secondary services for references related to the research projects, and acquires that literature deemed pertinent. When a researcher finishes with an article, it is filed for future reference.

Several of the CSRS research projects are on human nutrition. Our research associate librarian wrote a five-minute radio program about this nutrition research which was broadcast over the local radio station. CSRS research at KSU involves nutritionists, sociologists, chemists, biologists, home economists, and agricultural economists. These presently are near fifty people, including faculty, researchers, associate researchers, and fourteen students. This information assistance with research is the first of this magnitude on a Black college campus.

Library directors of 1890 land-grant institutions, meeting in March 1975, concluded that the institutions are unable to meet the needs of their researchers for basic materials which should be in their libraries. Kentucky State University seems to be in a better position than most 1890 institutions in this regard. But inflation is taking its toll with a 35% increase in monograph cost and a 50% increase in subscriptions in the past three

years. These reflect the acquisition of more expensive materials to support the CSRS research projects at KSU.

Since inception of the service, 388 interlibrary loan requests have been made in support of agricultural research of which 154 have been filled by NAL, and 83 from the holdings of Chandler Medical School Library, University of Kentucky. Most have been completed as duplicated journal articles.

On a shared-cost basis utilizing agricultural research funds, we acquired the complete *Chemical Abstracts* file on film and a microfilm reader, an outlay of more than seven thousand dollars. Other acquisitions include subscriptions to 28 additional scientific journals and back issues on microfilm, expensive monographs, and an additional microfiche-microfilm reader.

Cooperation between the agricultural research group and the library has grown close and mutually beneficial. The associate research librarian takes part in staff meetings of the research group and participates in their planning. The library responds in a realistic manner to requests which it previously could not begin to handle.

INFORMATION CENTERS AND LABORATORIES

The feed composition project for Latin American countries conducted by the University of Florida was transferred July 1, 1974 to the *International Feedstuffs Institute*, Utah State University, Logan, Utah. The Institute has been funded by AID to carry on this work for the next three years in cooperation with FAO in Latin America and the Mid-East countries. One of the objectives of this project is to establish a feed center(s) in Latin America to serve in distributing source forms and instructional materials, collection of data, coding and summarizing the data and providing publications of feed composition and nutrient requirement tables as requested by the participating countries. The center(s) would also forward the data to the Utah center for storage in an International Nutrition Bank. The Institute will also cooperate with other feed centers in Australia, Germany, Canada, France, and the United Kingdom in collecting data on feed composition throughout much of the world. In cooperation with FAO and the centers in Hohenheim, Germany and Paris, France, the work will be carried on through the International Livestock

Center for Africa (ICLA) Addis Abba, Ethiopia for the African countries. Additional information about the center may be obtained from Lorin E. Harris, Director, International Feedstuffs Institute, College of Agriculture, Utah State University, Logan, Utah 84321.

The Germplasm Resources Laboratory, Beltsville, Md., receives all germplasm entering the national system from foreign countries and domestic collections from the wild, sees it through Plant Quarantine inspection, assigns Plant Introduction (P.I.) numbers, fully documents each accession, maintains permanent records of all accessions, and distributes introductions.

Most of the distribution from the Beltsville facility is to Regional Plant Introduction Coordinators at Geneva, N.Y.; Experiment, Ga.; Ames, Iowa; and Pullman, Wash. Regional Coordinators then increase, preliminarily evaluate, and distribute the material to Federal, State, and private scientists within their Region or to other Regional Coordinators. They also maintain working collections of germplasm of crops for which they have priority assignment. Through their Regional Technical Committee, the Coordinators provide the principal interface among ARS, other Federal Agencies, State Agricultural Experiment Stations, and private breeders. The Regional Coordinator serves as a focal point for ARS scientists in the Region on matters pertaining to the acquisition, distribution, evaluation and maintenance of P.I. material and other germplasm.

Another responsibility of Regional Coordinators is to work cooperatively with users of germplasm within their Region in transferring germplasm to the National Seed Storage Laboratory at Fort Collins.

The relationship between the Fort Collins laboratory and the rest of the system is not always clearly understood. It is similar to the relationship between a checking account and a savings account in a bank. Those parts of the system other than the Fort Collins laboratory function much like a checking account. "Money" that comes into this account can be withdrawn and used as circumstances dictate, on a day-to-day basis. Elements that enter the National Seed Storage Laboratory have been deemed, for one or many good reasons, to be worthy of keeping for posterity. They are in the "savings account," to be used only when the checking account will not cover a particular need.

All parts of the national system can be drawn upon by the Germplasm Resources Laboratory in Beltsville for

meeting exchange requirements with foreign countries. Such exchanges account for about 75 percent of the new germplasm entering the system. Other new acquisitions come through plant exploration collections sponsored by Agricultural Research Service.

Administrator's Letter ARS/USDA
March 1, 1975

ASKED OF CAIN ON-LINE

- Articles on tractor noise suppression.
- How many goats in Haiti?
- Books and articles on hydroponics.
- Current articles on biological control of weeds.
- Information on cassava.
- Books on Fem Lib.

NEWS NOTES

NAL will have an exhibit at Special Libraries Association 66th Annual Conference, Chicago, June 8-11. The booth number is 321. Library staff members will be present to talk with all visitors.

Visit NAL's book exhibit at the American Library Association's 94th Annual Conference, June 29 - July 2.

The current issues of *Bibliography of Agriculture* carry a User Questionnaire for Reference Librarians. Users should complete the questionnaire and return to The Oryx Press as soon as possible, in order to assist the publishers in improving this reference tool.

Oscar A. Hanke, Mt. Morris, Illinois, was honored by the College of Agricultural and Life Sciences, University of Wisconsin at its 66th Annual Honorary Recognition Banquet April 23. As a journalist and administrator, Hanke almost single handedly helped conquer the most diverse industry in agriculture - poultry. He has received more than 40 honorary degree awards and citations. He is listed in *Who's Who in America*, the American Poultry Hall of Fame and is the official historian of the American Poultry Historical Society and a member of The Associates of the National Agricultural Library, Inc.

NAL SERIAL GAP LIST - NO. 4

The following journal issues are this month's continuation to the list of gaps in NAL's collection. If you can furnish any of these items, please address to:

Selection Section - GAPS
National Agricultural Library
10301 Baltimore Blvd.
Beltsville, Md. 20705

1. *Annee biologique (Paris)* 11: 3-4, 5-6, 7-8, 9-10, 11/12, 1972; 12: 1-2, 1973; 13: 9-10, 11-12, 1974.
2. *Advancing frontiers in plant science.* 28, 1971.
3. *Biometrika.* 58: 2, 1971; 59: 2, 1972; 60: 3, 1973.
4. *Entomologia experimentalis et applicata (Amsterdam).* 15: 1,2,4, 1972; 16: 1,2,3, 1973; 17: 1,2,3, 1974.
5. *Entomophaga.* 17: 1, 1972.
6. *In vitro.* 7: 3, 1971; 8: 1-3, 1972; 8: 4-6, 1973; 9: 6, 1974.
7. *Indian journal of medical research.* 57: 2, 1969; 58: 11, 1970; 59: 3, 1971; 60: 1-12, 1972.
8. *Material und organismen.* 7: 3-4, 1972.
9. *Science and culture.* 38: 1-12, 1972.
10. *West Pakistan journal of agricultural research.* 3: 1, 1965; 7: 2-4, 1969; 8: 2, 1970.

NEW PUBLICATIONS OF NOTE

Conservation directory 1975: 20th edition. Washington, D.C., National Wildlife Federation. 220 p. \$2.50. Order from the Foundation, 1412 - 16th St., N.W., Washington, D.C. 20036.

Consumer satisfaction with food products and marketing services. Washington, D.C., USDA, Economic Research Service, 1975. 53 p. (Agricultural Economic Report No. 281). Gratis. Request from Office of Communication, USDA, 14th & Independence Ave., S.W., Washington, D.C. 20250.

Consumers' guide to instructional scientific equipment. Washington, D.C., National Science Foundation, 1975. (E 75-43). Request single copies from Central Processing Section, NSF, Washington, D.C. 20550. Also available

for \$1.50 from Government Printing Office, Washington, D.C., 20404.

The Fungi of Puerto Rico and the American Virgin Islands, by John A. Stevenson. 743 p. (Contribution of Reed Herbarium, no. xxiii, 1975). Order from the Reed Herbarium, 10105 Harford Road, Baltimore, Md. 21234.

Wild flowers of North America, an annotated list of in-print wild flower books for North America. \$1.50. Order from Elaine DiLorenzo, Administrative Secretary, Library of the New York Botanical Garden, Bronx, New York 10458.

AGRICULTURAL DATE BOOK

May 22-23: MINICOMPUTERS IN LIBRARIES. Mayo Clinic Library, Rochester, Minnesota

May 22-24: MIDWEST ACADEMIC LIBRARIANS CONFERENCE. Ohio State University Libraries. Contact: Rita Hirschman, Ohio State University Libraries, Columbus, Ohio 43210

June 8-12: SPECIAL LIBRARIES ASSOCIATION. Chicago, Palmer House Hotel. Contact: Ralph Lessing, Promotion Coordinator, SLA. 235 Park Ave., S., New York, N.Y. 10003

June 15-20: 20th SEMINAR ON THE ACQUISITION OF LATIN AMERICAN LIBRARY MATERIALS (SALALM) Bogota, Colombia. Contact: Mrs. Pauline P. Collins, Executive Secretary of SALALM, Secretariat, University of Massachusetts Library, Amherst, MA 01002

June 29-July 5: ALA CONFERENCE. San Francisco, CA

July 5-9: 2nd MID-PACIFIC LIBRARY CONFERENCE.

Honolulu, Hawaii. Contact: HLA Travel and Housing Control Center, Group Travel Unlimited, Post Office Box 2198, Honolulu, Hawaii 96805

September 24-26: AGRICULTURAL LITERATURE SYMPOSIUM - PROUD HERITAGE, FUTURE PROMISE. Beltsville, Md. Contact: Executive Secretary, The Associates NAL, Inc., 10301 Baltimore Blvd., Beltsville, MD 20705

